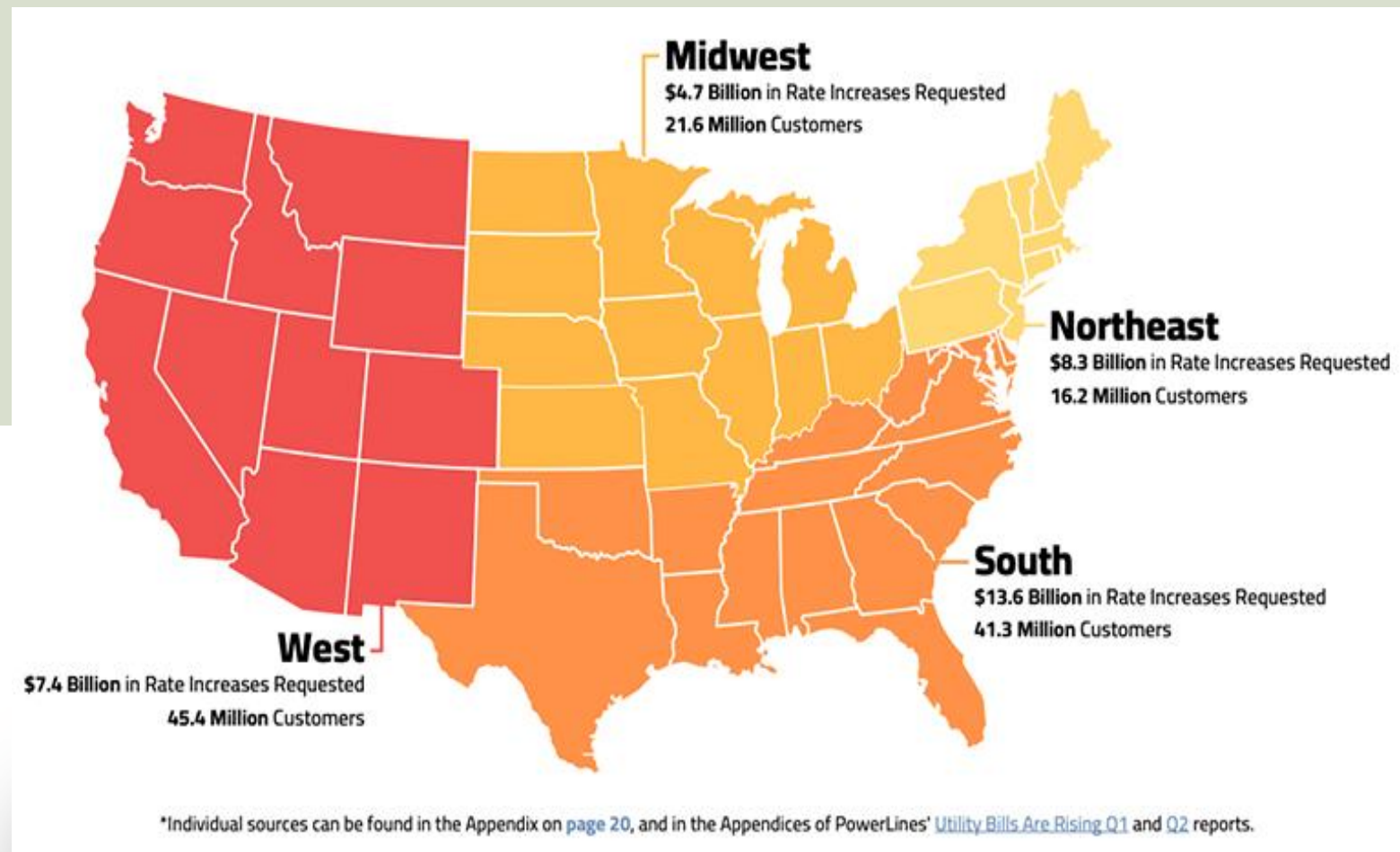




Planet Pulse

**A rhythmic check-in on
climate issues**





An unwanted doubling

- According to the nonprofit PowerLines, the requests for rate increases by utilities have total more than \$34 billion in the first three quarters of this year.
- That's more than double the \$16 billion in requested increases for all of 2024.
- It's estimated that the rate increases will cause higher monthly utility expenses for 124 million people, or over a third of all U.S. citizens.
- No wonder electric rates have become a political issue.

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It's free Down Under

- The rising costs of electricity may be a hot button in the States, but it couldn't be further from being a problem Down Under.
- Starting next July, Australia's new "Solar Sharer" plan requires utilities to supply 3 hours of free power daily to residential customers - including renters.

How can that even happen you ask?

- Almost 40% of Australian households have solar. Collectively they produce more power than all of Australia's remaining coal plants.
- During times of peak solar generation, energy prices have fallen so low that they sometimes go negative. Thus, the cost isn't as great as it may appear.
- Besides sharing the benefits of solar with everyone, one goal of the plan is to encourage people to run heavy appliances and charge EVs during the day.



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From Down Under to underwear



- What seems like a lifetime ago, Brooke Shields raised eyebrows with her “nothing between me and my Calvins” commercial.
- Now, assuming you are wearing some, Calvin Klein wants your used underwear.
- The company plans to reuse, downcycle, and burn for energy the used unmentionables.
- CK is partnering with circularity leaders Trove and Debrand who boast clients such as Lululemon and Victoria’s Secret.
- The motivation isn’t totally altruistic. CK’s parent company - PVH - is facing increased regulations and a 2025 circularity deadline.



The global intimate-wear market is estimated to be around \$90 billion



Less than 1% of textiles are recycled into new fabrics.



The program will accept any brand of underwear.



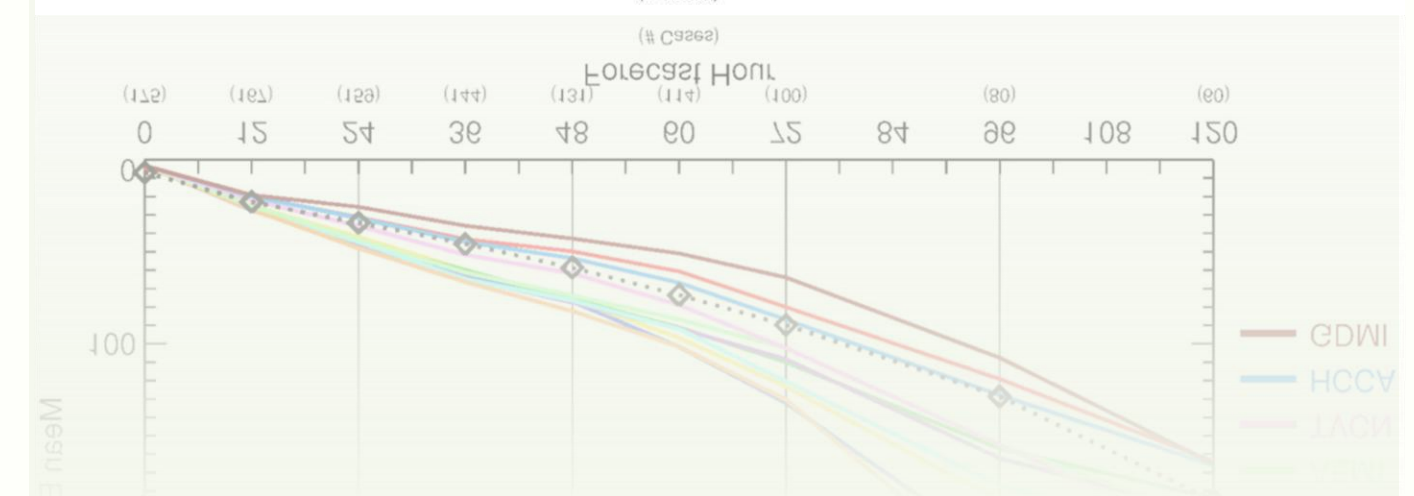
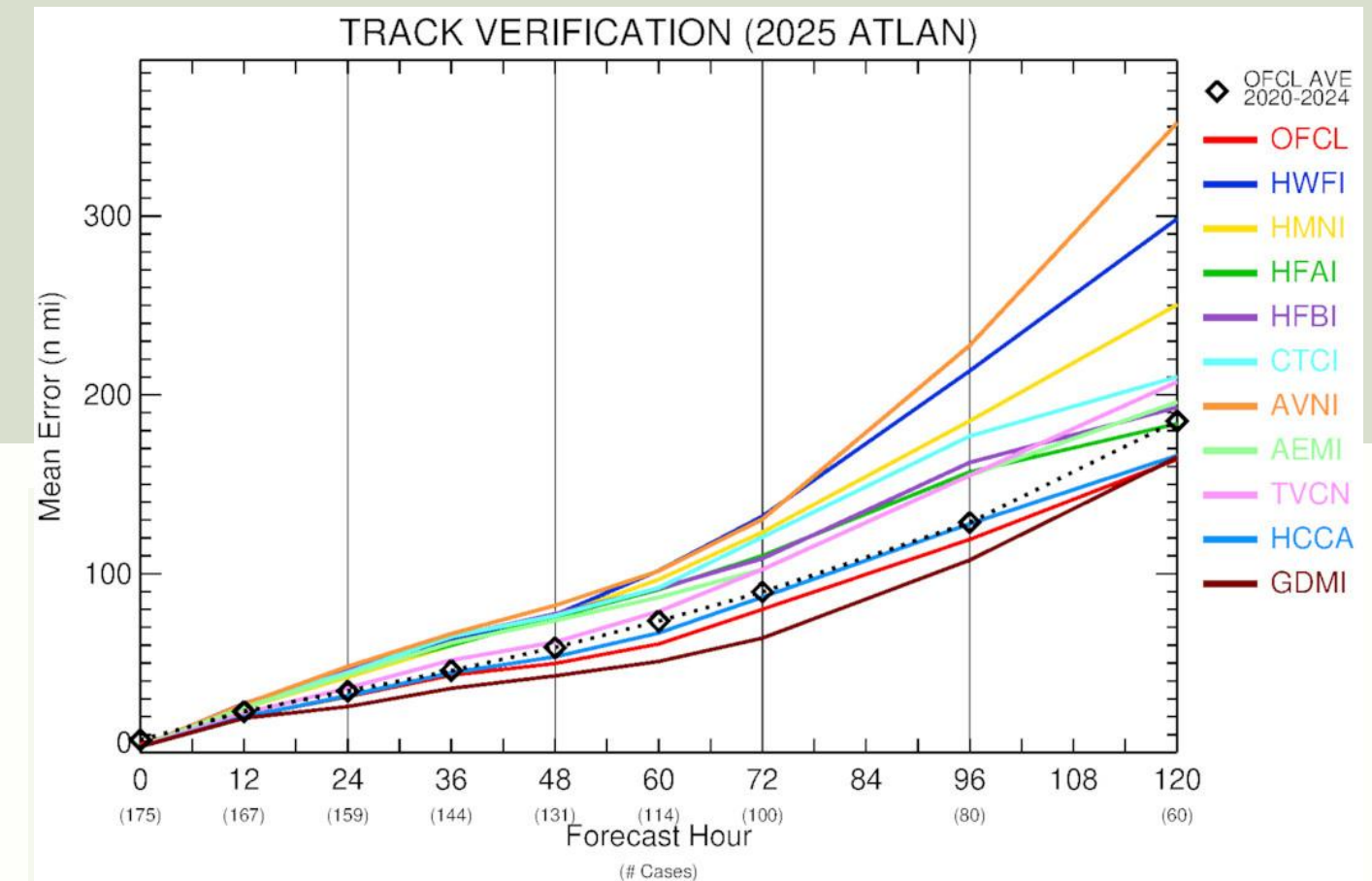
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Breathtaking

- Cuts to the National Weather Service had many worried that accurate weather data would no longer be available.
- I saw it differently: AI presented an opportunity to transition weather modeling to the private sector.
- If Google's DeepMind model is any indication, the private sector is more than getting it done.
- The science editor of *Ars Technica* described the accuracy of DeepMind as "breathtakingly good."
- The graph on the right is a bit tricky to interpret, but the lower the line the more accurate the prediction. The dotted line is the average from 2022 to 2024.
- Google (GDMI - the lowest line) proved far superior.
- As for the US premier global model (AVNI), it performed the worst.



Unbiased and Unfiltered

An honest assessment of the cleantech industry and the effort to stem climate change.

